Proposals Submitted March 1, 2007 Funded Projects

Bruce McLeod				
3.6	A Proposal to Develop a Non-Invasive Clinical Device that is	FY2008	\$	74,442
Montana State University	Effective in Clearing Persistent Infections in Prosthetic	FY2009	\$	72,042
Bozeman	Knee Implants	Total	\$	146,484
Richard Bridges	Enhancement of Applied Translational Research in Biomedicine	FY2008	\$	225,000
	Ziminionioni of Experior Transferror Trockers in Zionionioni			225,000
Missoula		Total	\$	450,000
William Suckow	Developing a High-Power Fiber Coupled Electro-Ontic	FY2008	\$	146,348
				140,540
Bozeman	Implicate Modulator	Total	\$	146,348
lim Beck	Practicion Absorbance Colorimetric Sensor (PACS)	EV2008	\$	74,710
	recision Absorbance Colormetric Sensor (FACS)			72,600
Missoula		Total	\$	147,310
Lee Arbuckle	Pacaarch on Native Grass Seed Morphology to Guide Development	EV2008	\$	30,644
				30,044
•	of core reclinologies of the Arbuckie (valive seedster		-	30,644
Billings	Production Agriculture	Total	Ψ	
Alex Philip	Research, Development, Test and Evaluation of Adelos System	FY2008	\$	200,000
TerraEchos, Inc.		FY2009	\$	200,000
Missoula		Total	\$	400,000
Edward Dratz	A New Approach to Discovering Biomarkers for Health and	FY2008	\$	200,000
Montana State University		FY2009	\$	200,000
Bozeman		Total	\$	400,000
Gene Kuntz	Zero Voltage Switching Research	FY2008	\$	159,673
		FY2009	\$	-
Bozeman		Total	\$	159,673
	William Suckow AdvR, Inc. Bozeman Jim Beck Sunburst Sensors, LLC Missoula Lee Arbuckle Arbuckle Ranch, Inc. Billings Alex Philip TerraEchos, Inc. Missoula Edward Dratz Montana State University Bozeman Gene Kuntz ILX Lightwave Corporation	Richard Bridges University of Montana Missoula Developing a High-Power, Fiber Coupled, Electro-Optic AdvR, Inc. Bozeman Developing a High-Power, Fiber Coupled, Electro-Optic Amplitude Modulator Precision Absorbance Colorimetric Sensor (PACS) Sunburst Sensors, LLC Missoula Research on Native Grass Seed Morphology to Guide Development of Core Technologies of the Arbuckle Native Seedster Billings Production Agriculture Research, Development, Test and Evaluation of Adelos System Edward Dratz Montana State University Bozeman A New Approach to Discovering Biomarkers for Health and Disease Diagnosis in the Peptidome using Zdyes Gene Kuntz ILX Lightwave Corporation	Richard Bridges University of Montana Missoula Developing a High-Power, Fiber Coupled, Electro-Optic ArdyR, Inc. Bozeman Developing a High-Power, Fiber Coupled, Electro-Optic Amplitude Modulator FY2008 FY2009 Total FY2009 Total Jim Beck Sunburst Sensors, LLC Missoula Precision Absorbance Colorimetric Sensor (PACS) FY2009 Total FY2008 FY2009 Total FY2008 FY2009 Total Research on Native Grass Seed Morphology to Guide Development of Core Technologies of the Arbuckle Native Seedster FY2009 FY2009 Total Alex Philip Ferrafichos, Inc. Missoula Research, Development, Test and Evaluation of Adelos System FY2009 Total Edward Dratz Missoula A New Approach to Discovering Biomarkers for Health and Disease Diagnosis in the Peptidome using Zdyes FY2009 Total Gene Kuntz Lezro Voltage Switching Research FY2008 FY2008 FY2009 Total	Richard Bridges University of Montana Missoula Developing a High-Power, Fiber Coupled, Electro-Optic Applitude Modulator FY2008 FY2009 S Total FY2008 FY2009 S AdvR, Inc. Amplitude Modulator FY2008 FY2009 S Total FY2008 FY2009 S Total S FY2009 S Total S FY2009 S S Sunburst Sensors, LLC FY2008 FY2009 S Sunburst Sensors, LLC Missoula FY2008 FY2009 S Total S FY2009 S Total FY2008 S FY2009 S Total FY2008 FY2009 S Total FY2008 FY2009 S Total FY2008 FY2009 S Total FY2008 FY2009 FY200

6/25/2007 Page 1 of 3

Proposals Submitted March 1, 2007 Funded Projects

#08-20	Kristian Merkel	S2 Material Based Frequency Stable Laser (S2-FSL) Technology	FY2008	\$	250,037
	S2 Corporation	Development for Coherent Optical Communications	FY2009	\$	_
	Bozeman		Total	\$	250,037
#08-26	David Bowen	Innovative Commercialization Strategies for Clean Coal and	FY2008	\$	156,753
	Big Sky Carbon Sequestration Partnership	Geologic Carbon Sequestration in Montana	FY2009	\$	-
	Montana State University Bozeman		Total	\$	156,753
#08-27	Joyce Eckhoff	Durum with Low-Cadmium Uptake for Production in Montana	FY2008	\$	54,000
1100 21	MSU Eastern Agricultural Research Center	Butum wim 20 w Cadmain Optake for Froduction in Montaina	FY2009	\$	
	Sidney/Bozeman		Total	\$	54,000
		Production Agriculture		-	,
#08-34	Jean Starkey	Image-Guided Photodynamic Therapy to Sanitize Breast Cancer	FY2008	\$	118,500
	Montana State University	Draining Lymph Nodes	FY2009	\$	-
	Bozeman		Total	\$	118,500
#08-35	Mikhail Drobizhev	Genetically Engineered Biophotonic Nanoprobes for Two-	FY2008	\$	99,200
	Montana State University	Photon Microscopy	FY2009	\$	-
	Bozeman		Total	\$	99,200
#08-43	Victoria Carollo	Identifying Genes Conferring Enhanced Cellulosic Ethanol	FY2008	\$	68,200
	Montana State University	Production Potential for Barley Straw and Forage	FY2009	\$	-
	Bozeman	, ,	Total	\$	68,200
		Production Agriculture			
#08-44	Kevin Repasky	Unmanned Aerial Vehicle Deployment of Hyperspectral Imaging	FY2008	\$	68,370
	Montana State University	Spectrometers for Noxious Weed Mapping and Carbon	FY2009	\$	68,520
	Bozeman	Sequestration Site Monitoring	Total	\$	136,890
#08-45	W. Randall Babbitt	Broadband Direct Digital Conversion with Spatial Spectral	FY2008	\$	149,478
	Montana State University	Holographic Technology	FY2009	\$	-
	Bozeman		Total	\$	149,478

6/25/2007 Page 2 of 3

Proposals Submitted March 1, 2007 Funded Projects

#08-48	Gregory Gillispie	Collaborative Research Applications of Innovative Protein	FY2008	\$	210,000
	Fluorescence Innovations, Inc.	Fluorescence Lifetime Spectrometer	FY2009	\$	165,000
	Bozeman		Total	\$	375,000
#00 40	Kirk Hartel	Development of Maintain William Association William	FY2008	\$	105 000
#08-49		Development of a Universal Kinase Assay for Ultra High-	FY2009	\$ \$	105,000
	Fluorescence Innovations, Inc. Bozeman	Throughput Screening in Drug Delivery	Total	\$	105,000
#08-52	Robert Seccomb	Sonographic Analysis for Rapid Detection of Varroa Mites and	FY2008	\$	80,000
	Bee Alert Technology, Inc.	Other Pathologies Without Opening the Beehive	FY2009	\$	-
	Missoula		Total	\$	80,000
		Production Agriculture			
#08-56	Manfred Biermann	Conduct and Complete Research and Development of a Novel	FY2008	\$	202,500
	Resodyn Corporation	and Sustainable Technology for Making Cellulosic Biobutanol	FY2009	\$	202,500
	Butte	Advanced Biofuel from Montana Wheat Straw	Total	\$	405,000
					100.1=1
#08-58	Richard Donovan	Design of Ultra High Pressure Water Jet Cutting Pump	FY2008	\$	198,476
	Montana Tech		FY2009	\$	100.474
	Butte		Total	\$	198,476
#08-59	David Poulsen	Preclinical Development of Low Dose Methamphetamine as a	FY2008	\$	141,236
	Montana Neuroscience Institute/UM	Neuroprotective Agent	FY2009	\$	_
	Missoula	3	Total	\$	141,236
[
#08-66	Jeff Golini	Second Stage Field Clinical Trials & Bringing to Market of a	FY2008	\$	139,763
	All American Pharmaceutical	Natural OTC ("Kre-Celazine") to Address Chronic Inflammation	FY2009	\$	-
	Billings		Total	\$	139,763

6/25/2007 Page 3 of 3